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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,158	01/11/2002	Ira Pastan	4239-61854	8170
7590	11/04/2005			
Klarquist Sparkman One World Trade Center Suite 1600 121 SW Salmon Street Portland, OR 97204-2988				EXAMINER RAWLINGS, STEPHEN L
				ART UNIT 1643 PAPER NUMBER DATE MAILED: 11/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.

EXAMINER

ART UNIT      PAPER

20051031

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

### Commissioner of Patents

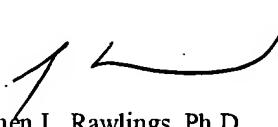
This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

APPLICANT IS GIVEN 30 days FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen L. Rawlings, Ph.D. whose telephone number is (571) 272-0836. The examiner can normally be reached on Monday-Friday, 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Larry Helms, Ph.D. can be reached on (571) 272-0832. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Stephen L. Rawlings, Ph.D.  
Examiner  
Art Unit 1643

<b>Notice to Comply</b>	Application No.	Applicant(s)
	10/031,158	PASTAN ET AL.
	Examiner Stephen L. Rawlings, Ph.D.	Art Unit 1643

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- 7. Other:

**Applicant Must Provide:**

- An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**

<b>Sequence Count Sheet</b>	Application No.	Applicant(s)
	10/031,158	PASTAN ET AL.
	Examiner Stephen L. Rawlings, Ph.D.	Art Unit 1643

**DATE OF COUNT** \_\_\_\_\_

**Mark only one space below**

- (CRFN)** (CRF is unreadable; use CRF Diskette Problem Report)
- (CRFD)** (CRF does not comply; use Notice to Comply)
- (CRFR)** (CRF required but none submitted; use Notice to Comply)
- (bona fide)** (second or subsequent letter to applicant reporting bona fide attempt to comply; use Notice to Comply and send copy of RSL)
- (non bona fide)** (second or subsequent letter to applicant reporting non-bona fide attempt to comply; use Notice to Comply and send copy of RSL)

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number: 101031,158A  
Source: TFW/16  
Date Processed by STIC: 8/30/05

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/24/05



IFW16

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/031,158A

DATE: 08/30/2005

TIME: 15:20:29

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\08302005\J031158A.raw

3 <110> APPLICANT: Pastan, Ira  
 4       Essand, Magnus  
 5       Lee, Byungkook  
 6       Vasmatzis, George  
 7       Wolfgang, Curt  
 8       The Government of the United States of America  
 9       as represented by the Secretary of the  
 10      Department of Health and Human Services  
 12 <120> TITLE OF INVENTION: T-Cell Receptor Gamma Alternate Reading Frame Protein,  
 13       (TARP) and Uses Thereof  
 15 <130> FILE REFERENCE: 4239-61854-01  
 17 <140> CURRENT APPLICATION NUMBER: 10/031,158A  
 18 <141> CURRENT FILING DATE: 2002-01-11  
 20 <150> PRIOR APPLICATION NUMBER: PCT/US00/19039  
 21 <151> PRIOR FILING DATE: 2000-07-12  
 23 <150> PRIOR APPLICATION NUMBER: US 60/157,471  
 24 <151> PRIOR FILING DATE: 1999-10-01  
 26 <150> PRIOR APPLICATION NUMBER: US 60/143,560  
 27 <151> PRIOR FILING DATE: 1999-07-13  
 E--> 29 <160> NUMBER OF SEQ ID NOS: 34       Found 33  
 31 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
Corrected Diskette Needed

(PS-1-2)

## ERRORED SEQUENCES

↓  
Sample  
of  
error

10/03/15PA

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<211> 4 Pg.1.  
<212> PRT

<213> Homo sapiens

<220>  
<223> Protein kinase phosphorylation site

<400> 33  
Arg Arg Gly Thr  
1

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/031,158A

DATE: 08/30/2005

TIME: 15:20:30

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\08302005\J031158A.raw

L:29 M:203 E: No. of Seq. differs, &lt;160&gt; Number Of Sequences:Input (34) Counted (33)